



RESISTANCE WIRE (Round)



DESCRIPTION

MPI's round nichrome wire is used in a variety of heating applications including sealing bars and air heaters.

FEATURES

- Uniform resistance
- Annealed - for easy bending
- Fine surface finish
- Mounted on spools
- Melting Point - Nichrome C - 2462°F(1350°C)
- Melting Point - Nichrome A - 2552°F(1400°C)

OPTIONS

- Custom coiling

STOCK - RESISTANCE WIRE (Round - Nichrome-C)

PART#	DIA(in)	DIA(mm)	OHM/FT	OHM /M
NiC-W-00175	0.00175	0.044	288.000	944.928
NiC-W-00200	0.00200	0.051	156.000	511.836
NiC-W-00225	0.00225	0.057	135.000	442.935
NiC-W-00275	0.00275	0.070	94.790	311.006
NiC-W-00300	0.00300	0.076	77.000	252.637
NiC-W-00310	0.00310	0.079	65.000	213.265
NiC-W-00350	0.00350	0.089	53.900	176.846
NiC-W-00500	0.00500	0.127	27.370	89.800
NiC-W-00500	0.00500	0.127	26.630	87.373
NiC-W-00630	0.00630	0.160	16.693	54.770
NiC-W-00669	0.00669	0.170	14.721	48.300
NiC-W-00709	0.00709	0.180	12.770	41.900
NiC-W-00748	0.00748	0.190	11.777	38.640

PART#	DIA(in)	DIA(mm)	OHM/FT	OHM/M
NiC-W-01063	0.01063	0.270	5.940	19.490
NiC-W-01142	0.01142	0.290	5.120	16.800
NiC-W-01260	0.01260	0.320	4.261	13.980
NiC-W-01378	0.01378	0.350	3.532	11.590
NiC-W-01969	0.01969	0.500	1.753	5.750
NiC-W-02165	0.02165	0.550	1.414	4.640
NiC-W-02756	0.02756	0.700	0.887	2.910
NiC-W-03150	0.03150	0.800	0.667	2.190
NiC-W-03346	0.03346	0.850	0.600	1.970
NiC-W-06400	0.06400	1.626	0.165	0.540
NiC-W-07200	0.07200	1.829	0.166	0.545
NiC-W-09070	0.09070	2.304	0.101	0.331

STOCK - RESISTANCE WIRE (Round - Nichrome-A)

PART#	DIA(in)	DIA(mm)	OHM/FT	OHM/M
NiA-W-00394	0.00394	0.100	43.066	141.300
NiA-W-00433	0.00433	0.110	10.972	36.000
NiA-W-00472	0.00472	0.120	29.802	97.780
NiA-W-00512	0.00512	0.130	25.297	83.000
NiA-W-00551	0.00551	0.140	21.618	70.930
NiA-W-00591	0.00591	0.150	18.287	60.000
NiA-W-00787	0.00787	0.200	10.515	34.500
NiA-W-00827	0.00827	0.210	10.088	33.100
NiA-W-00906	0.00906	0.230	8.077	26.500
NiA-W-00984	0.00984	0.250	6.660	21.850
NiA-W-01024	0.01024	0.260	6.400	21.000
NiA-W-01181	0.01181	0.300	4.560	14.960
NiA-W-01500	0.01500	0.381	2.895	9.500

PART#	DIA(in)	DIA(mm)	OHM/FT	OHM/M
NiA-W-01500	0.01500	0.381	2.895	9.500
NiA-W-01575	0.01575	0.400	2.569	8.430
NiA-W-01614	0.01614	0.410	2.472	8.110
NiA-W-01693	0.01693	0.430	2.268	7.440
NiA-W-01850	0.01850	0.470	1.853	6.080
NiA-W-02130	0.02130	0.541	1.457	4.780
NiA-W-02362	0.02362	0.600	1.173	3.850
NiA-W-02390	0.02390	0.607	1.152	3.780
NiA-W-02559	0.02559	0.650	1.006	3.300
NiA-W-02756	0.02756	0.700	0.872	2.860
NiA-W-02953	0.02953	0.750	0.759	2.490
NiA-W-03386	0.03386	0.860	0.558	1.830

RESISTANCE WIRE (Ribbon)



DESCRIPTION

MPI's flat nichrome wire is used in a variety of heating applications including sealing bars and high temperature bus bars.

FEATURES

- Uniform resistance
- Annealed - for easy bending
- Fine surface finish
- Mounted on spools
- Melting Point - Nichrome C - 2462°F(1350°C)
- Melting Point - Nichrome A - 2552°F(1400°C)

OPTIONS

- Custom length with ring terminals

STOCK - RESISTANCE WIRE (Ribbon - Nichrome-C)

PART#	WID(in)	THICK(in)	WID(mm)	THICK(mm)	OHM/FT
NiC-R-0313x00250	0.0313	0.00250	0.79	0.064	7.07
NiC-R-0625x00200	0.0625	0.00200	1.59	0.051	4.52
NiC-R-0625x00225	0.0625	0.00225	1.59	0.057	4.47
NiC-R-0625x00250	0.0625	0.00250	1.59	0.064	4.12
NiC-R-0937x00225	0.0937	0.00225	2.38	0.057	7.99
NiC-R-0937x00250	0.0937	0.00250	2.38	0.064	2.63
NiC-R-0937x00400	0.0937	0.00400	2.38	0.102	1.64
NiC-R-1180x01180	0.1180	0.01180	3.00	0.300	3.16
NiC-R-1250x00200	0.1250	0.00200	3.18	0.051	2.57

PART#	WID(in)	THICK(in)	WID(mm)	THICK(mm)	OHM/FT
NiC-R-1250x00400	0.1250	0.00400	3.18	0.102	1.31
NiC-R-1250x00560	0.1250	0.00560	3.18	0.142	9.50
NiC-R-1250x00630	0.1250	0.00630	3.18	0.160	7.83
NiC-R-1250x02010	0.1250	0.02010	3.18	0.511	2.36
NiC-R-1875x00250	0.1875	0.00250	4.76	0.064	1.15
NiC-R-1875x00560	0.1875	0.00560	4.76	0.142	4.94
NiC-R-1875x00630	0.1875	0.00630	4.76	0.160	4.29
NiC-R-2500x00500	0.2500	0.00500	6.35	0.127	4.10

STOCK - RESISTANCE WIRE (Ribbon - Nichrome-A)

PART#	WID(in)	THICK(in)	WID(mm)	THICK(mm)	OHM/FT
NiA-R-0157x00197	0.0157	0.00197	0.40	0.05	15.60
NiA-R-0157x00236	0.0157	0.00236	0.40	0.06	12.98
NiA-R-0157x00276	0.0157	0.00276	0.40	0.07	10.85
NiA-R-0157x00315	0.0157	0.00315	0.40	0.08	10.42
NiA-R-0157x00394	0.0157	0.00394	0.40	0.10	8.56
NiA-R-0157x00472	0.0157	0.00472	0.40	0.12	6.83
NiA-R-0157x00512	0.0157	0.00512	0.40	0.13	6.19
NiA-R-0157x00551	0.0157	0.00551	0.40	0.14	5.88
NiA-R-0157x00591	0.0157	0.00591	0.40	0.15	5.49
NiA-R-0157x00630	0.0157	0.00630	0.40	0.16	5.37
NiA-R-0236x00512	0.0236	0.00512	0.60	0.13	4.18
NiA-R-0236x00591	0.0236	0.00591	0.60	0.15	3.66
NiA-R-0315x00236	0.0315	0.00236	0.80	0.06	6.93
NiA-R-0315x00315	0.0315	0.00315	0.80	0.08	5.15
NiA-R-0315x00354	0.0315	0.00354	0.80	0.09	4.67
NiA-R-0315x00394	0.0315	0.00394	0.80	0.10	4.11
NiA-R-0315x00472	0.0315	0.00472	0.80	0.12	3.40
NiA-R-0315x00512	0.0315	0.00512	0.80	0.13	3.25
NiA-R-0315x00591	0.0315	0.00591	0.80	0.15	2.78

PART#	WID(in)	THICK(in)	WID(mm)	THICK(mm)	OHM/FT
NiA-R-0472x00630	0.0472	0.00630	1.20	0.16	1.70
NiA-R-0472x00709	0.0472	0.00709	1.20	0.18	1.52
NiA-R-0472x00787	0.0472	0.00787	1.20	0.20	1.49
NiA-R-0551x00394	0.0551	0.00394	1.40	0.10	2.39
NiA-R-0591x00315	0.0591	0.00315	1.50	0.08	2.74
NiA-R-0591x00394	0.0591	0.00394	1.50	0.10	2.22
NiA-R-0591x00787	0.0591	0.00787	1.50	0.20	1.09
NiA-R-0630x00315	0.0630	0.00315	1.60	0.08	2.59
NiA-R-0630x00394	0.0630	0.00394	1.60	0.10	2.00
NiA-R-0630x00472	0.0630	0.00472	1.60	0.12	1.75
NiA-R-0630x00591	0.0630	0.00591	1.60	0.15	1.36
NiA-R-0630x00630	0.0630	0.00630	1.60	0.16	1.28
NiA-R-0630x00709	0.0630	0.00709	1.60	0.18	1.15
NiA-R-0630x00787	0.0630	0.00787	1.60	0.20	1.01
NiA-R-0709x00394	0.0709	0.00394	1.80	0.10	1.80
NiA-R-0709x00787	0.0709	0.00787	1.80	0.20	0.91
NiA-R-0787x00394	0.0787	0.00394	2.00	0.10	1.66
NiA-R-0787x00472	0.0787	0.00472	2.00	0.12	1.41